

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024729.D
 Acq On : 11 Oct 2021 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:51 AM

Quant Time: Oct 12 06:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	128543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	200328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89352	49.321	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.640%			
35) Dibromofluoromethane	5.398	113	67796	50.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.880%			
50) Toluene-d8	8.653	98	244976	50.014	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.086	95	98709	51.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	80059	61.896	ug/l	98
3) Chloromethane	1.295	50	65012	53.323	ug/l	99
4) Vinyl Chloride	1.374	62	69627	54.595	ug/l	99
5) Bromomethane	1.599	94	57831	67.373	ug/l	99
6) Chloroethane	1.679	64	43141	50.784	ug/l	99
7) Trichlorofluoromethane	1.886	101	118274	52.552	ug/l	96
8) Diethyl Ether	2.136	74	39829	51.993	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	66079	52.067	ug/l	93
10) Methyl Iodide	2.453	142	86991	48.988	ug/l	90
11) Tert butyl alcohol	2.977	59	89982	211.660	ug/l	98
12) 1,1-Dichloroethene	2.319	96	62766	53.267	ug/l	91
13) Acrolein	2.240	56	27806	282.425	ug/l	97
14) Allyl chloride	2.666	41	110231	51.168	ug/l	90
15) Acrylonitrile	3.069	53	202263	245.753	ug/l	97
16) Acetone	2.386	43	216227	284.269	ug/l	90
17) Carbon Disulfide	2.514	76	153625	50.574	ug/l	100
18) Methyl Acetate	2.709	43	140382	51.748	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	232665	52.393	ug/l	100
20) Methylene Chloride	2.794	84	75133	55.554	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	70077	52.373	ug/l	93
22) Diisopropyl ether	3.770	45	231801	52.665	ug/l	96
23) Vinyl Acetate	3.727	43	960114	269.381	ug/l	95
24) 1,1-Dichloroethane	3.617	63	128793	52.702	ug/l	97
25) 2-Butanone	4.568	43	345075	276.579	ug/l	93
26) 2,2-Dichloropropane	4.483	77	99557	45.288	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	81808	52.310	ug/l	97
28) Bromochloromethane	4.910	49	56254	50.707	ug/l	98
29) Tetrahydrofuran	5.013	42	196374	247.014	ug/l	90
30) Chloroform	5.099	83	143672	53.232	ug/l	99
31) Cyclohexane	5.477	56	110679	51.020	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	130501	54.463	ug/l	98
36) 1,1-Dichloropropene	5.702	75	103045	53.656	ug/l	98
37) Ethyl Acetate	4.727	43	117912	49.177	ug/l	95
38) Carbon Tetrachloride	5.684	117	114104	54.582	ug/l	99
39) Methylcyclohexane	7.385	83	119460	53.124	ug/l	96
40) Benzene	6.050	78	296026	53.906	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	63472	51.260	ug/l	92
42) 1,2-Dichloroethane	6.099	62	125169	54.274	ug/l	94
43) Isopropyl Acetate	6.349	43	192006	52.674	ug/l	93
44) Trichloroethene	7.129	130	81781	54.127	ug/l	99
45) 1,2-Dichloropropane	7.440	63	75938	53.600	ug/l	100
46) Dibromomethane	7.586	93	56059	52.767	ug/l	99
47) Bromodichloromethane	7.830	83	108512	55.732	ug/l	99
48) Methyl methacrylate	7.696	41	105300	58.339	ug/l	86
49) 1,4-Dioxane	7.665	88	38986	943.008	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	706348	293.520	ug/l	91
52) Toluene	8.720	92	194546	54.843	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	117038	53.034	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	123091	54.855	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	82314	56.118	ug/l	96
56) Ethyl methacrylate	9.122	69	113614	48.666	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	133546	53.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	303601	263.457	ug/l	99
59) 2-Hexanone	9.433	43	549978	290.204	ug/l	89
60) Dibromochloromethane	9.525	129	85708	51.461	ug/l	98
61) 1,2-Dibromoethane	9.616	107	89577	55.628	ug/l	100
64) Tetrachloroethene	9.275	164	78303	59.661	ug/l	95
65) Chlorobenzene	10.080	112	214482	54.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	82624	56.118	ug/l	99
67) Ethyl Benzene	10.195	91	387918	55.472	ug/l	99
68) m/p-Xylenes	10.305	106	298513	111.318	ug/l	99
69) o-Xylene	10.647	106	142349	53.681	ug/l	99
70) Styrene	10.659	104	232852	52.514	ug/l	97
71) Bromoform	10.805	173	62099	48.474	ug/l	99
73) Isopropylbenzene	10.964	105	392546	54.493	ug/l	100
74) N-amyl acetate	10.848	43	173957	52.501	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	131051	51.443	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	121276m	52.410	ug/l	
77) Bromobenzene	11.201	156	98243	53.001	ug/l	96
78) n-propylbenzene	11.305	91	444181	52.747	ug/l	99
79) 2-Chlorotoluene	11.366	91	269004	52.441	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	342003	55.576	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39770	47.472	ug/l	91
82) 4-Chlorotoluene	11.457	91	319699	52.969	ug/l	99
83) tert-Butylbenzene	11.720	119	328347	53.221	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	349632	57.141	ug/l	98
85) sec-Butylbenzene	11.896	105	389381	51.301	ug/l	99
86) p-Isopropyltoluene	12.012	119	359659	55.570	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	177757	50.355	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	181363	49.735	ug/l	99
89) n-Butylbenzene	12.335	91	313192	54.650	ug/l	97
90) Hexachloroethane	12.543	117	57008	53.565	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	178422	51.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30861	50.172	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	114366	51.472	ug/l	98
94) Hexachlorobutadiene	13.725	225	50745	49.926	ug/l	99
95) Naphthalene	13.780	128	400898	56.371	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	120619	52.977	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

